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AMENDMENT OF CLAIMS
under PCT Article 34
(Filed on October 25, 1999)

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AMENDMENT OF CLAIMS
under PCT Article 34
(Filed on July 7, 1999)

CLAIMS

What is claimed is:

1. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from the terminal devices, comprising:

first dealing processing means for executing processing of a cross dealing by pre-engagement based on said buying information;

second dealing processing means for executing processing of a cross dealing by pre-engagement based on said selling information; and

third dealing processing means for executing processing of a dealing in which a conclusion is sequentially made with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

2. A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 1.

3. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing

their values after passage of a period of time, which are output from the terminal devices,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen;

said host has a first dealing processing function for executing processing of a cross dealing by pre-engagement based on said buying information;

a second dealing processing function for executing processing of a cross dealing by pre-engagement based on said selling information; and

a third dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

4. (Amended) A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices,

wherein the dealing processing steps comprise a first dealing processing step for executing processing of a cross dealing by pre-engagement based on said buying information;

a second dealing processing step for executing processing of a cross dealing by pre-engagement based on said selling information; and

a third dealing processing step for executing a dealing to make sequentially a conclusion with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

5. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices, comprising:

dealing processing means for executing a dealing to make sequentially a conclusion with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information;

wherein the dealing processing means comprises first determining means for determining processing procedures of pieces of selling information in accordance with predetermined conditions, second determining means for determining processing procedures of pieces of buying information in accordance with predetermined conditions.

6. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information

for a dealing of the goods, which are output from terminal devices,

wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 5.

7. (Amended) A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices, by allowing the terminal devices and a host to intercommunicate with each other,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen;

said host has a dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

said dealing processing function includes a first determining function for determining a processing order of pieces of selling information in accordance with predetermined conditions, a second determining function for determining a processing order of pieces of buying information in accordance with predetermined conditions.

8. (Amended) A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods based on selling information and buying

information for dealing the goods, which are output from terminal devices, the goods losing or reducing their values after passage of a period of time, wherein said dealing processing steps include a processing step for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and said processing steps include a first determining step for determining a processing order of pieces of selling information in accordance with predetermined conditions, a second determining step for determining a processing order of pieces of buying information in accordance with predetermined conditions.

9. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from the terminal devices, comprising:

dealing processing means for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, wherein said dealing processing means includes first specifying means for specifying any piece of information on the goods included in the selling information as a first dealing condition, second specifying means for specifying any piece

of information on the goods included in the selling information as a second dealing condition that is easier than said first dealing condition, and processing proceed means for proceeding to a dealing processing for processing, in accordance with the first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

10. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods, which are output from terminal devices,

wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 9.

11. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from the terminal devices,

wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen,

said host has a dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and

said dealing processing function includes a first specifying function for specifying any piece of information on the goods included in the selling information as a first dealing condition, a second specifying function for specifying any piece of information on the goods included in the selling information as a second dealing condition that is easier than said first dealing condition, and a processing proceed function for proceeding to a dealing processing for processing, in accordance with the first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

12. (Amended) A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices,

wherein said processing steps include dealing processing steps for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and said dealing processing steps include first specifying step for specifying any piece of information on the goods included in said selling information as a first dealing condition, second specifying step for specifying any piece of information on the goods included in said selling information as a second dealing condition that is easier than said first dealing

condition, and a processing proceed step for proceeding to a dealing processing for processing, in accordance with said first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

13. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices,

the goods dealing apparatus comprising:

a screen including:

a function list display portion for selectively executing one of a first dealing processing function for executing a cross dealing by pre-engagement based on the buying information, a second dealing processing function for executing a cross dealing by pre-engagement based on the selling information, and a third dealing processing function for executing a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information;

an information display portion for displaying information generated by executing one of the functions selected by the function list display portion; and

a condition entering portion for entering conditions at the time any piece of information is extracted from the information

generated by executing one of the functions selected by the function list display portion.

14. A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 13.

15. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices, wherein said host has a first dealing processing function for executing processing of a cross dealing by pre-engagement based on said buying information, a second dealing processing function for executing processing of a cross dealing by pre-engagement based on said selling information, and a third dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and each of said terminal devices has a screen which displays information sent thereto by means of a browser function and outputs information in response to an operation performed by a user based on the information displayed thereon, the screen including a function list display portion for selectively

executing one of said first dealing processing function, said second dealing processing function, and said third dealing processing function, an information display portion for displaying information generated by executing one of the functions selected by said function list display portion, and a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by said function list display portion.

16. (Amended) A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices,

wherein said dealing processing steps include steps for displaying a screen comprises:

a function list display portion for selectively executing one of a first dealing processing function for executing a cross dealing by pre-engagement based on the buying information, a second dealing processing function for executing a cross dealing by pre-engagement based on the selling information, and a third dealing processing function for executing a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information;

an information display portion for displaying information generated by executing one of the functions selected by the function list display portion; and

a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by the function list display portion.

17. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices, comprising:

first dealing processing means for executing processing of a cross dealing by pre-engagement based on buying information; second dealing processing means for executing processing of a cross dealing by pre-engagement based on the selling information;

third dealing processing means for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

fourth dealing processing means for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing means, or for executing a dealing for a sale not by the first, second and third dealing processing means.

18. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claims 17.

19. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices, wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen, and said host has a first dealing processing function for executing processing of a cross dealing by pre-engagement based on buying information, a second dealing processing function for executing processing of a cross dealing by pre-engagement based on the selling information, a third dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and a fourth dealing processing function for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing functions, or for executing a dealing for

a sale not by the first, second and third dealing processing functions.

20. (Amended) A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from terminal devices,

wherein said dealing processing step comprises:

a first dealing processing step for executing processing of a cross dealing by pre-engagement based on the buying information;

a second dealing processing step for executing processing of a cross dealing by pre-engagement based on the selling information;

a third dealing processing step for executing a dealing to make sequentially a conclusion with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

a fourth dealing processing step for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing means, or for executing a dealing for a sale not by the first, second and third dealing processing means.

21. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information

for dealing the goods, which are output from the terminal devices, comprising:

post-confirmation dealing processing means for executing a dealing processing by outputting the selling information based on confirmed information; and

goods-in-stock selling processing means for executing a dealing process of unsold goods generated by execution of the post-confirmation dealing processing means.

22. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices, comprising:

pre-confirmation dealing processing means for executing a dealing processing by outputting the selling information based on forecast information before confirmation;

post-confirmation dealing processing means for executing a dealing processing by outputting the selling information based on confirmed information; and

goods-in-stock selling processing means for executing a dealing process of unsold goods generated by any execution of the pre-confirmation dealing processing means and the post-confirmation dealing processing means.

23. A system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at

least one of the terminal devices is the goods dealing apparatus claimed in claim 22 or claim 23.

24. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen; and said host comprise post-confirmation dealing processing function for executing a dealing processing by outputting the selling information based on confirmed information, and goods-in-stock selling processing function for executing a dealing process of unsold goods generated by the execution of the post-confirmation dealing processing function.

25. (Amended) A goods dealing method that executes dealing processing to make a conclusion of a bargain of goods based on selling information and buying information for a dealing of the goods losing or reducing their values after passage of a period of time, which are output from terminal devices, the method comprising:

a post-confirmation dealing processing step for executing a dealing processing by outputting the selling information based on confirmed information; and

a goods-in-stock selling processing step for executing a dealing process of unsold goods generated in the execution of the post-confirmation processing step.

26. A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods losing or reducing their values after passage of a period of time, which are output from terminal devices,

wherein said dealing processing steps include the processing step of the goods dealing method claimed in claim 25.

27. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods by executing at least one of first and second dealing processes on its screen, based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from the terminal devices,

wherein each of the terminal devices comprises a screen including a first dealing information display portion for displaying information on the first cross dealing by pre-engagement processing; and

a second dealing information display portion for displaying information on the second cross dealing by pre-engagement processing.

28. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices,

wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 27.

29. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from the terminal devices,

wherein said host has at least a first dealing processing function for executing a first dealing processing and a second dealing processing function for executing a second dealing processing; and

each terminal device displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen, the screen having a first dealing information display portion for displaying information on the first dealing processing and a second dealing information display portion for displaying information on the second dealing processing.

30. (Amended) A goods dealing method that, based on selling information and buying information for a dealing of goods which lose or reduce their values after passage of a period of time, which are output from terminal devices, executes at least first and second dealing processes on its screen to make a conclusion of a bargain for the goods, comprising:

a step for displaying information on the first cross dealing by pre-engagement processing and information on the second cross dealing by pre-engagement processing on the same screen.

31. A storage medium that stores a program for executing at least first and second dealing processes on a screen to make a conclusion of a bargain for goods based on selling information and buying information for dealing, which are output from terminal devices,

wherein said dealing step includes the processing step of the goods dealing method claimed in claim 30.

32. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices, comprising:

a processing step that includes the steps of:

forming, from pieces of buying information, clusters in accordance with the buying condition included in the buying information;

forming, from pieces of selling information, clusters in accordance with said buying condition; and

making the conclusion of the bargain for the goods by linking the buying information included in the respective clusters with the selling information included in the corresponding clusters between the clusters of the buying information and the selling information.

33. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces

of buying information for a dealing of the goods, which are output from terminal devices, comprising:

a processing step that includes the steps of:

determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information; forming, from pieces of selling information, a cluster of the selling information which meets buying conditions included in processing object buying information in accordance with the processing order; and linking the buying information with the selling information between the processing object buying information and buying information included in the cluster of pieces of buying information, thus making a conclusion of the bargain.

34. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices, comprising:

a processing step that includes the steps of:

determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information; forming, from pieces of selling information, a cluster which meets buying conditions included in processing object buying information in accordance with the processing order; and

linking the buying information with the selling information between the processing object buying information and buying information included in the cluster of the buying information, thus making a conclusion of the bargain.

35. A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices,

the apparatus comprising:

first cluster formation means for forming, from pieces of buying information, clusters in accordance with the buying condition included in the buying information;

second cluster formation means for forming, from pieces of selling information, clusters in accordance with said buying condition; and

dealing contract making means for making a conclusion of the bargain by linking the selling information with the buying information between the clusters formed by the first cluster formation means and the clusters formed by the second cluster formation means.

36. A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices,

the apparatus comprising:

processing order determining means for determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information;

cluster formation means for forming a cluster from pieces of selling information, the cluster meeting buying conditions which are included in processing object buying information in

accordance with the processing order determined by the processing order determining means; and
dealing contract making means for making a conclusion of the bargain by linking the selling information with the buying information between the processing object buying information and the buying information included in the cluster formed by the cluster formation means.

37. A goods dealing system in which terminal devices for outputting selling information for dealing goods, terminal devices for outputting buying information for dealing the goods, and a host for making a conclusion of a bargain for the goods based on pieces of selling information and pieces of buying information outputted from the terminal devices are connected to each other,

wherein said host has the function of the goods dealing apparatus claimed in any one of claims 35 and 36.

38. A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for dealing the goods, which are output from terminal devices,

wherein said processing steps include the processing steps of the goods dealing method claimed in any one of claims 32, 33 and 34.

39. (Amended) A goods dealing apparatus that manages a system for making a conclusion of a dealing based on selling information and buying information for dealing goods, which are output from terminal devices, comprising:

storage means for storing previously information on distribution cost based on a distribution route between sellers and buyers, which is generated by a conclusion of the dealing; and

outputting means for acquiring distribution cost information corresponding to the distribution route between the seller and the buyer, being objects of the dealing, from the storage means, thus outputting the distribution cost information in order to show the buyer the distribution information, when the dealing is performed.

40. (Amended) A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a dealing based on selling information and buying information for dealing goods, which are output from the terminal devices, comprising:

display means for displaying information on distribution cost based on a distribution route between the sellers and the buyers, which is generated by a settlement of the dealing to the buyer in accordance with customers in the dealing.

41. A system that makes a conclusion of a dealing for goods based on selling information and buying information for dealing the goods, which are outputted from terminal devices, comprising:

the goods dealing apparatus claimed in any one of claims 39 and 40.

42. A goods dealing system that makes a conclusion of a dealing based on selling information and buying information for dealing goods, which are output from terminal devices,

wherein at least one of terminal devices is the goods dealing apparatus claimed in claim 39 or claim 40.

43. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from the terminal devices,

wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen; and said host comprises storage means for storing previously information on distribution cost based on a distribution route between sellers and buyers, which is generated by making a conclusion of the dealing, and transmitting means for acquiring information on distribution cost corresponding to the distribution route between the sellers and the buyers, being objects of the dealing, from the storage means and outputting information on the distribution cost and information on the goods to the terminal device in order to show these pieces of information to the buyers at the time the dealing is performed by the terminal device.

44. (Amended) A goods dealing method that makes a conclusion of a bargain of goods based on selling information and buying information for a dealing of the goods, which are output from terminal devices, comprising the steps of:

previously storing information on distribution cost based on a distribution route between sellers and buyers, which is generated by a settlement of the dealing, in a memory; and acquiring information on the goods and information on the distribution cost corresponding to the distribution route between the sellers and the buyer, being objects of the dealing, from the memory to output information on the goods and information on the distribution cost in order to show them to the buyers when the dealing is performed.

45. A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein said processing steps include the processing steps of the goods dealing method claimed in claim 44.

CLAIMS

What is claimed is:

1. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from the terminal devices,

comprising:

first dealing processing means for executing processing of a cross dealing by pre-engagement based on said buying information;

second dealing processing means for executing processing of a cross dealing by pre-engagement based on said selling information; and

third dealing processing means for executing processing of a dealing in which a conclusion is sequentially made with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

2. A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 1.

3. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen;

said host has a first dealing process function for executing processing of a cross dealing by pre-engagement based on said buying information;

a second dealing process function for executing processing of a cross dealing by pre-engagement based on said selling information; and

a third dealing process function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

4. A storage medium that stores a program for executing dealing process steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods output from terminal devices,

wherein the dealing process steps comprises a first dealing process step for executing processing of a cross dealing by pre-engagement based on said buying information;

a second dealing process step for executing processing of a cross dealing by pre-engagement based on said selling information; and

a third dealing process step for executing dealing to make sequentially a conclusion with every agreement between said buying information and said selling information after

collating pieces of buying information and pieces of selling information.

5. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing the goods output from the terminal devices, comprising:

dealing processing means for executing dealing to make sequentially a conclusion with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information;

wherein the dealing processing means comprises first determining means for determining processing procedures of pieces of selling information in accordance with predetermined conditions, second determining means for determining processing procedures of pieces of buying information in accordance with predetermined conditions.

6. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 5.

7. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods output from terminal devices, by allowing the terminal devices and a host to intercommunicate with each other,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen;

said host has a dealing process function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and said dealing process function includes a first determining function for determining a processing order of pieces of selling information in accordance with predetermined conditions, a second determining function for determining a processing order of pieces of buying information in accordance with predetermined conditions.

8. A storage medium that stores a program for executing dealing process steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices,

wherein said dealing process steps include a processing step for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and said processing step includes a first determining step for determining a processing order of pieces of selling information in accordance with predetermined conditions, a second determining step for determining a processing order of pieces

of buying information in accordance with predetermined conditions.

9. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, comprising: dealing processing means for executing dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, wherein said dealing processing means includes first specifying means for specifying any piece of information on the goods included in the selling information as a first dealing condition, second specifying means for specifying any piece of information on the goods included in the selling information as a second dealing condition, and processing proceed means for proceeding to a dealing process for processing, in accordance with the first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

10. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 9.

11. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information

and buying information for dealing the goods output from the terminal devices,

wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen,

said host has a dealing process function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and said dealing process function includes a first specifying function for specifying any piece of information on the goods included in the selling information as a first dealing condition, a second specifying function for specifying any piece of information on the goods included in the selling information as a second dealing condition, and a processing proceed function for proceeding to a dealing process for processing, in accordance with the first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

12. A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, wherein said processing steps include a dealing process step for executing dealing for making a conclusion sequentially from a first agreement between the buying information and the

selling information after collating pieces of buying information and pieces of selling information, and said dealing process step includes first specifying step for specifying any piece of information on the goods included in said selling information as a first dealing condition, second specifying step for specifying any piece of information on the goods included in said selling information as a second dealing condition, and processing proceed step for proceeding to a dealing process for processing, in accordance with said first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

13. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from the terminal devices, the goods dealing apparatus comprising:

a screen including:

a function list display portion for selectively executing one of a first dealing process function for executing a cross dealing by pre-engagement based on the buying information, a second dealing process function for executing a cross dealing by pre-engagement based on the selling information, and a third dealing process function for executing a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information;

an information display portion for displaying information generated by executing one of the functions selected by the function list display portion; and

a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by the function list display portion.

14. A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 13.

15. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from the terminal devices,

wherein said host has a first dealing process function for executing processing of a cross dealing by pre-engagement based on said buying information, a second dealing process function for executing processing of a cross dealing by pre-engagement based on said selling information, and a third dealing process function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

each of said terminal devices has a screen which displays information sent thereto by means of a browser function and outputs information in response to an operation performed by a user based on the information displayed thereon, the screen including a function list display portion for selectively executing one of said first dealing process function, said second dealing process function, and said third dealing process function, an information display portion for displaying information generated by executing one of the functions selected by said function list display portion, and a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by said function list display portion.

16. A storage medium that stores a program for executing dealing process steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods output from terminal devices, wherein said dealing process steps include steps for displaying a screen comprises:

a function list display portion for selectively executing one of a first dealing process function for executing a cross dealing by pre-engagement based on the buying information, a second dealing process function for executing a cross dealing by pre-engagement based on the selling information, and a third dealing process function for executing a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after

collating pieces of buying information and pieces of selling information;

an information display portion for displaying information generated by executing one of the functions selected by the function list display portion; and

a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by the function list display portion.

17. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, comprising: first dealing processing means for executing processing of a cross dealing by pre-engagement based on buying information; second dealing processing means for executing processing of a cross dealing by pre-engagement based on the selling information;

third dealing processing means for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

fourth dealing processing means for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing means, or for executing a dealing for a sale not by the first, second and third dealing processing means.

18. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claims 17.

19. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from the terminal devices, wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen, and said host has a first dealing process function for executing processing of a cross dealing by pre-engagement based on buying information, a second dealing process function for executing processing of a cross dealing by pre-engagement based on the selling information, a third dealing process function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and a fourth dealing process function for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing process functions, or for executing a dealing for a

sale not by the first, second and third dealing process functions.

20. A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices,

wherein said dealing process steps comprise:

a first dealing process step for executing processing of a cross dealing by pre-engagement based on the buying information;
a second dealing process step for executing processing of a cross dealing by pre-engagement based on the selling information;

a third dealing process step for executing a dealing to make sequentially a conclusion with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information;
and

a fourth dealing process step for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing means, or for executing a dealing for a sale not by the first, second and third dealing processing means.

21. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, comprising:

post-confirmation dealing processing means for executing a dealing process by outputting the selling information based on confirmed information; and

goods-in-stock selling processing means for executing a dealing process of unsold goods generated by execution of the post-confirmation dealing processing means.

22. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, comprising: pre-confirmation dealing processing means for executing a dealing process by outputting the selling information based on forecast information before confirmation;

post-confirmation dealing processing means for executing a dealing process by outputting the selling information based on confirmed information; and

goods-in-stock selling processing means for executing a dealing process of unsold goods generated by any execution of the pre-confirmation dealing processing means and the post-confirmation dealing processing means.

23. A system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 22 or claim 23.

24. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information

and buying information for dealing the goods output from the terminal devices,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen; and said host comprise post-confirmation dealing process function for executing a dealing process by outputting the selling information based on confirmed information, and goods-in-stock selling processing function for executing a dealing process of unsold goods generated by the execution of the post-confirmation dealing process function.

25. A goods dealing method that executes a dealing process to make a conclusion of a bargain of goods based on selling information and buying information for a dealing of the goods output from terminal devices,

the method comprising:

post-confirmation dealing process step for executing a dealing process by outputting the selling information based on confirmed information; and

goods-in-stock selling processing step for executing a dealing process of unsold goods generated in the execution of the post-confirmation processing step.

26. A storage medium that stores a program for executing dealing process steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods losing or reducing their values after passage of a period of time, which are output from terminal devices,

wherein said dealing process steps include the processing step of the goods dealing method claimed in claim 25.

27. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods by executing at least one of first and second dealing process on its screen, based on selling information and buying information for dealing the goods output from the terminal devices,

wherein each of the terminal devices comprises a screen including a first dealing information display portion for displaying information on the first cross dealing by pre-engagement processing; and
a second dealing information display portion for displaying information on the second cross dealing by pre-engagement processing.

28. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices,
wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 27.

29. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from the terminal devices,
wherein said host has at least a first dealing process function for executing a first dealing process and a second dealing process function for executing a second dealing process; and

each terminal device displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen, the screen having a first dealing information display portion for displaying information on the first dealing process and a second dealing information display portion for displaying information on the second dealing process.

30. A goods dealing method that, based on selling information and buying information for a dealing of goods output from terminal devices, executes at least first and second dealing process on its screen to make a conclusion of a bargain for the goods, comprising:

a step for displaying information on the first cross dealing by pre-engagement processing and information on the second cross dealing by pre-engagement processing on the same screen.

31. A storage medium that stores a program for executing at least first and second dealing process on a screen to make a conclusion of a bargain for goods based on selling information and buying information for dealing, which are output from terminal devices,

wherein said dealing step includes the processing step of the goods dealing method claimed in claim 30.

32. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for a dealing of the goods output from terminal devices, comprising:

a processing step that includes the steps of:

forming, from pieces of buying information, clusters in accordance with the buying condition included in the buying information;

forming, from pieces of selling information, clusters in accordance with said buying condition; and

making the conclusion of the bargain for the goods by linking the buying information included in the respective clusters with the selling information included in the corresponding clusters between the clusters of the buying information and the selling information.

33. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for a dealing of the goods output from terminal devices, comprising:

a processing step that includes the steps of:

determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information; forming, from pieces of selling information, a cluster of the selling information which meets buying conditions included in processing object buying information in accordance with the processing order; and linking the buying information with the selling information between the processing object buying information and buying information included in the cluster of pieces of buying information, thus making a conclusion of the bargain.

34. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces

of buying information for a dealing of the goods output from terminal devices, comprising:

a processing step that includes the steps of:

determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information; forming, from pieces of selling information, a cluster which meets buying conditions included in processing object buying information in accordance with the processing order; and

linking the buying information with the selling information between the processing object buying information and buying information included in the cluster of the buying information, thus making a conclusion of the bargain.

35. A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and pieces of buying information for a dealing of the goods output from terminal devices,

the apparatus comprising:

first cluster formation means for forming, from pieces of buying information, clusters in accordance with the buying condition included in the buying information;

second cluster formation means for forming, from pieces of selling information, clusters in accordance with said buying condition; and

dealing contract making means for making a conclusion of the bargain by linking the selling information with the buying information between the clusters formed by the first cluster

formation means and the clusters formed by the second cluster formation means.

36. A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and pieces of buying information for a dealing of the goods output from terminal devices,

the apparatus comprising:

processing order determining means for determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information;

cluster formation means for forming a cluster from pieces of selling information, the cluster meeting buying conditions which are included in processing object buying information in accordance with the processing order determined by the processing order determining means; and

dealing contract making means for making a conclusion of the bargain by linking the selling information with the buying information between the processing object buying information and the buying information included in the cluster formed by the cluster formation means.

37. A goods dealing system in which terminal devices for outputting selling information for dealing goods, terminal devices for outputting buying information for dealing the goods, and a host for making a conclusion of a bargain for the goods based on pieces of selling information and pieces of buying information output from the terminal devices are connected to each other,

wherein said host has the function of the goods dealing apparatus claimed in any one of claims 35 and 36.

38. A storage medium which stores a program for executing processing steps to make a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for dealing the goods output from terminal devices, wherein said processing step includes the processing steps of the goods dealing method claimed in any one of claims 32, 33 and 34.

39. A goods dealing apparatus which manages a system for making a conclusion of a dealing based on selling information and buying information for dealing goods output from terminal devices, comprising:

storage means for storing previously information on distribution cost based on a distribution route between sellers and buyers, which is generated by a conclusion of the dealing; and

outputting means for acquiring distribution cost information corresponding to the distribution route between the seller and the buyer, being objects of the dealing, from the storage means, thus outputting the distribution cost information, when the dealing is performed.

40. A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a dealing based on selling information and buying information for dealing goods output from terminal devices, comprising:

display means for displaying information on distribution cost based on a distribution route between the sellers and the buyers,

which is generated by a settlement of the dealing in accordance with customers in the dealing.

41. A system which makes a conclusion of a dealing for goods based on selling information and buying information for dealing the goods output from terminal devices, comprising:
the goods dealing apparatus claimed in any one of claims 39 and 40.

42. A goods dealing system, which makes a conclusion of a dealing based on selling information and buying information for dealing goods output from terminal devices,
wherein at least one of terminal devices is the goods dealing apparatus claimed in claim 39 or claim 40.

43. A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from the terminal devices,
wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen; and
said host comprises storage means for storing previously information on distribution cost based on a distribution route between sellers and buyers, which is generated by making a conclusion of the dealing, and transmitting means for acquiring information on distribution cost corresponding to the distribution route between the sellers and the buyers, being objects of the dealing, from the storage means and outputting

the information on the distribution cost and the information on the goods to the terminal device at the time the dealing is performed by the terminal device.

44. A goods dealing method that makes a conclusion of a bargain of goods based on selling information and buying information for a dealing of the goods output from terminal devices, comprising the steps of:

previously storing information on distribution cost based on a distribution route between sellers and buyers, which is generated by a settlement of the dealing, in a memory; and acquiring information on the goods and the information on the distribution cost corresponding to the distribution route between the sellers and the buyer, being objects of the dealing, from the memory to output the information on the goods and the information on the distribution cost when the dealing is performed.

45. A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods output from terminal devices,

wherein said processing steps include the processing steps of the goods dealing method claimed in claim 44.